Form 3160-3 (September 2001)		*	FORM APPROV OMB No. 1004-			
UNITED STATES			Expires January 31			
DEPARTMENT OF THE I			5. Lease Serial No.			
BUREAU OF LAND MANA		UTU-74390				
APPLICATION FOR PERMIT TO D		6. If Indian, Allottee or Tri	be Name			
			. N/A			
1a. Type of Work: ☑ DRILL ☐ REENTE	R		7. If Unit or CA Agreement West Point Unit	, Name and No.		
1b. Type of Welk. ☑ Oil Well. ☐ Gas Well. ☐ Other		8. Lease Name and Well No	The second secon			
2. Name of Operator	Single Zone  Multi	ple Zone	West Point Federal M-7-	9-16		
Newfield Production Company			9. API Well No 43-013 - 33	3709		
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721		10. Field and Pool, or Explore Monument Butte	atory		
4. Location of Well (Report location clearly and in accordance with	any State requirements.*)		11. Sec., T., R., M., or Blk. ar	nd Survey or Area		
At surface NW/SE 2150' FSL 1897' FEL						
At proposed prod. zone NW/SE 2650' FSL 2645' FEL	•		Sec. 7, T9S R16E	•		
14. Distance in miles and direction from nearest town or post office*		12. County or Parish	13. State			
Approximately 12.8 miles southwest of Myton, Utah	T	Duchesne	UT			
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2595-1/1867-2595' flunit	irest ise line. ft.					
18. Distance from proposed location*	19. Proposed Depth	20. BLM/	20 Acres BIA Bond No. on file			
to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1254'	6250'		UTB000192			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5852' GL	22. Approximate date work will sta 3rd Quarter 2007	rt*	23. Estimated duration  Approximately seven (7) days from spud to rig release.			
	24. Attachments					
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No. 1. shall be att	ached to this	e form:			
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	4. Bond to cover the Item 20 above). 5. Operator certification	ne operation ation. specific info	ns unless covered by an existin			
25.) Signature	Name (Printed/Typed)		Date			
1/ Garde Joyn	Mandie Crozier		6/2	21/07		
Title Regulatory Specialist			•			
Approved by Signature)	Name (Printed/Typed) BRADLEY G.	НШ	Date	2-17-07		
Title	OMENVIRONMENTAL MA		10-	7 12 0 1		
Application approval does not warrant or certify the the applicant holds le operations thereon.	gal or equitable title to those rights in	the subject l	lease which would entitle the ap	plicant to conduct		
Conditions of approval, if any, are attached.						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime for any person knowingly and any matter within its jurisdiction.	d willfully to	o make to any department or ag	gency of the United		
*(Instructions on reverse)						

\*(Instructions on reverse)

Surf 571762X 4432783Y 40.044121 -110.158790 BHU Federal Approval of this Action is Necessary

571532 X 44329347 40.045499 -110.161464 RECEIVED
JUN 2 9 2007
DIV. OF OIL, GAS & MINING

### T9S, R16E, S.L.B.&M.

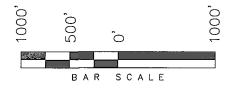
\$89\*56'E - 77.76 (G.L.O.) 2646.41' (Measured) N89°53'40"E - 2490.85' (Meas.) A S89°56'E G.L.O. (Basis of Bearings) 1910 1910 1910 Brass Cap Brass Cap Brass Cap WELL LOCATION: Lot 1 WEST POINT M-7-9-16 2641.90' ELEV. EXIST. GRADED GROUND = 5852 2643. NO0'03'21 Lot 2 **Bottom** (6.1.0)of Hole 1910 Brass Cap 2645 NORTH Top of Hole Brass 1897' (Meas., Lot 3 2645. DRILLING WINDOW VOO'05'45"W VOO'18'05 Lot 4 1910 1910 1910 Brass Cap Brass Cap Brass Cap N89°52'16"E - 2646.20' (Meas.) S89°56'E - 78.00 (G.L.O.)

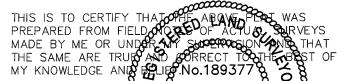
♦ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW) WEST POINT M-7-9-16 (Surface Location) NAD 83 LATITUDE = 40° 02' 38.63" LONGITUDE = 110° 09' 33.96"

### NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WEST POINT M-7-9-16, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





RECUSTER D LAND STRVEYOR RECUSTRATION OF OR STATE OF OR STATE OF USAMA TE OF U

### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 4-13-07	SURVEYED BY: K.S.
DATE DRAWN: 04-17-07	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

# NEWFIELD PRODUCTION COMPANY WEST POINT FEDERAL #M-7-9-16 AT SURFACE: NW/SE SECTION 7, T9S, R16E DUCHESNE COUNTY, UTAH

### ONSHORE ORDER NO. 1

### DRILLING PROGRAM

### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta

0' - 2175'

Green River

2175'

Wasatch

6250

### 3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation 2175' - 6250' - Oil

### 4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

### 5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

Please refer to the Monument Butte Field SOP. See Exhibit "C".

### 6. <u>TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:</u>

Please refer to the Monument Butte Field SOP.

### 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

### 8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

### 9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:</u>

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

# NEWFIELD PRODUCTION COMPANY WEST POINT FEDERAL #M-7-9-16 AT SURFACE: NW/SE SECTION 7, T9S, R16E DUCHESNE COUNTY, UTAH

### ONSHORE ORDER NO. 1

### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site West Point Federal #M-7-9-16 located in the NW 1/4 SE 1/4 Section 7, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly -11.1 miles  $\pm$  to it's junction with the beginning of the access road; proceed easterly along the access road -200°  $\pm$  to the existing Nine Mile 10-7 well location.

### 2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Nine Mile 10-7 well pad. See attached **Topographic Map "B"**.

### 3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Nine Mile 10-7 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed West Point Federal M-7-9-16. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

### 5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

### 6. <u>SOURCE OF CONSTRUCTION MATERIALS</u>

The proposed West Point Federal M-7-9-16 will be drilled off of the existing Nine Mile 10-7 well pad. No additional surface disturbance will be required for this location.

### 7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

### 8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

#### 9. WELL SITE LAYOUT

See attached Location Layout Diagram.

### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

 SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).

### 12. OTHER ADDITIONAL INFORMATION

#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is fransported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

### Threatened, Endangered, And Other Sensitive Species

Golden Eagle: Due to this proposed well access roads proximity (less that 0.5 mile) to an existing inactive golden eagle nest site, no new construction or surface disturbing activities will be allowed between March 1 and May 15. If the nest remains inactive on May 15th (based on a pre-construction survey by a qualified biologist), the operator may-construct and drill the location between May 15 and March 1 of the following year. If the nest site becomes active prior to May 15, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

### Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

### Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Shadscale

Atriplex Centertifolia

6 lbs/acre

Galletta Grass

Hilaria Jamesii

6 lbs/acre

### **Details of the On-Site Inspection**

The proposed West Point Federal #M-7-9-16 was on-sited on 6/13/07. The following were present; Dave Allred (Newfeild Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

### 13. <u>LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION</u> <u>Representative</u>

Name:

Dave Allred

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721---

### **Certification**

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #M-7-9-16 Section 7, Township 9S, Range 16E: Lease UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

6/21/07

Date

Mandie Crozier

Regulatory Specialist

**Newfield Production Company** 



Project: Duchesne County, UT Site: West Point M-7-9-16

Well: West Point M-7-9-16

Wellbore: OH Design: Plan #1

### Norfield Exploration Co.

M Azimuths to True North
Magnetic North: 11.85°

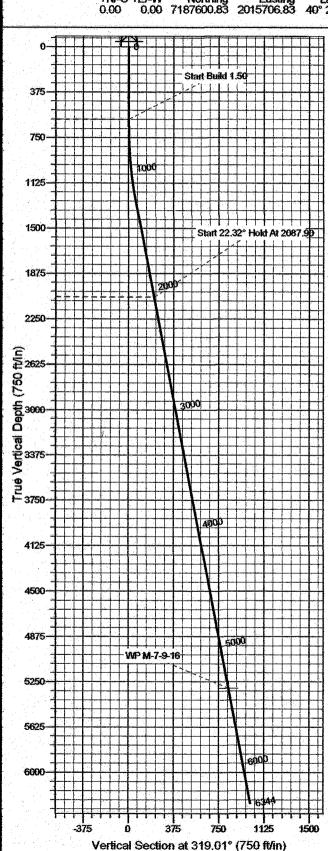
Magnetic Field
Strength: 52669.9nT
Dip Angle: 65.88°

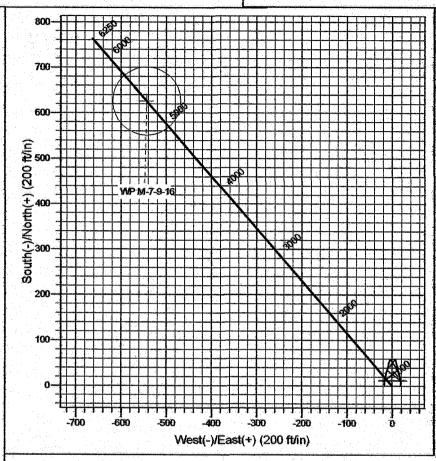
Date: 2007-06-12

Model: IGRF2005-16

#### WELL DETAILS: West Point M-7-9-16

GL 5852' & RKB 12' @ 5864.00ft (NDSI 2) +N/-S +E/-W Northing Easting Latittude Longitude Slot 0.00 0.00 7187600.83 2015706.83 40° 2' 38.630 N 110° 9' 33.960 W





### FORMATION TOP DETAILS Plan: Plan: Plan #1 (West Point M-7-9-16/OH) Created By: Rex Hall Date: 2007-06-20

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Utah Central Zone

System Datum: Mean Sea Level Local North: No north reference data is available

SECTION	DE	TA	19	

Sec	MD	inc	Azî	TVD	+N/-S	+E/-W	DLea	TFace	VSec	Target	
1 (	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	•	
2 600	00.0	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0:00	v	
3132	1.53	10.82	319.01	1317.25	51.29	-44.57	1.50	319.01	65,50		
45376	5.41	10.82	319.01	5300,00	626.00	-544.00	0.00	0.00	799.48	WP M-7-9-16	
56343	3.62	10.82	319.01	6250.00	763.09	-663.13	0.00	0.00	974.56		

### **Newfield Exploration Co.**

Duchesne County, UT West Point M-7-9-16 West Point M-7-9-16 OH

Plan: Plan #1

### **Standard Planning Report**

20 June, 2007

### **Scientific Drilling**

#### Planning Report

Database:

MultiUserEDM

Company: Project:

Newfield Exploration Co. Duchesne County, UT

Site: Well: West Point M-7-9-16 West Point M-7-9-16

Welfbore: Design:

Plan #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method: Well West Point M-7-9-16

GL 5852' & RKB 12' @ 5864.00ft (NDSI 2) GL 5852' & RKB 12' @ 5864.00ft (NDSI 2)

True

Minimum Curvature

Project

Duchesne County, UT

Map System: Geo Datum:

US State Plane 1983

Map Zone:

North American Datum 1983

Utah Central Zone

Lat/Long

System Datum:

Mean Sea Level

Site

From:

West Point M-7-9-16, Sec 7 T9S R16E

Site Position:

Northing: Easting:

7,187,600.84ft 2,015,706.83ft Latitude:

Longitude:

40° 2' 38,630 N

**Position Uncertainty:** 

0.00 ft

Slot Radius:

**Grid Convergence:** 

110° 9' 33.960 W

0.86°

Well **Well Position**  West Point M-7-9-16, 2150' FSL & 1897' FEL

+N/-S +E/-W 0.00 ft 0.00 ft Northing: Easting:

7,187,600.83 ft 2,015,706.83 ft

Longitude:

Latitude:

40° 2' 38.630 N 110° 9' 33,960 W

**Position Uncertainty** 

0.00 ft

Wellhead Elevation:

**Ground Level:** 

5,852.00 ft

Wellbore **Magnetics**  OH

**Model Name** 

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

IGRF2005-10

2007-06-12

11.85

65.88

52,670

Design

Plan #1

Audit Notes:

Version:

Phase:

PLAN

Tie On Depth:

0.00

Vertical Section:

Depth From (TVD) (ft)

0.00

+N/-S (ft)

0.00

+EJ-W (ft) 0.00

Direction (°) 319.01

Plan Sections  Measured  Depth  (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-8 (M)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	1100 (*)	Target
0.00	0.00	0,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	uradin 1908 munandi urtum zituri. T
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,321.53	10.82	319.01	1,317.25	51.29	-44.57	1.50	1.50	0.00	319.01	
5,376.41	10.82	319.01	5,300.00	626.00	-544.00	0.00	0.00	0.00	0.00	WP M-7-9-16
6,343.62	10.82	319.01	6,250.00	763.09	-663.13	0.00	0.00	0.00	0.00	

### **Scientific Drilling**

### Planning Report

Database:

MultiUserEDM

Company: Project: Newfield Exploration Co. Duchesne County, UT

Site: Well: West Point M-7-9-16 West Point M-7-9-16

Wellbore: Design: OH Plan #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Well West Point M-7-9-16

GL 5852' & RKB 12' @ 5864.00ft (NDSI 2) GL 5852' & RKB 12' @ 5864.00ft (NDSI 2)

True

Minimum Curvature

6f	ter by jith was his	그 회사는 하나 아래				المالات بواليوالية	in <u>L</u> ainigh in th		
Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth	inclination	Azimuth	Depth	+NV-S	+E/-W	Section	Rate	Rate	Rate
(ft)	(*)	(°)	(ft)	(ft)	(ft)	(用)	(°/100ft)	(°/100ft)	(°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00								
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 1									
700.00	1.50	319.01	699.99	0.99	-0.86	1.31	1.50	1.50	0.00
800.00	3.00	319.01	799.91	3.95	-3.43	5.23	1.50	1.50	0.00
900.00	4.50	319.01	899.69	8.89	-7.72	11.77	1.50	1.50	0.00
1,000.00	6.00	319.01	999.27	15.79	-13.73	20.92	1.50	1.50	0.00
1,100.00	7.50	319.01	1,098.57	24.67	-21.43	32.68	1.50	1.50	0.00
1,200.00	9.00	319.01	1,197.54	35.50	-30.85	47.03	1.50	1.50	0.00
1,300.00	10.50	319.01	1,296.09	48.28	-41.95	63.96	1.50	1.50	0.00
1,321.53	10.82	319.01	1,317.25	51.29	-44.57	67.94	1.50	1.50	0.00
1,400.00	10.82	319.01	1,394.32	62.41	-54.23	82.68	0.00	0.00	0.00
1,500.00	10.82	319.01	1,492.54	76.58	-66,55	101.46	0.00	0.00	0.00
1,600.00	10.82	319.01	1,590.76	90.75	-78.87	120.23	0.00	0.00	0.00
1,700.00	10.82	319.01	1,688.98	104.93	-91.18	139.01	0.00	0.00	0.00
1,800.00	10.82	319.01	1,787.21	119.10	-103.50	157.79	0.00	0.00	0.00
1,900.00	10.82	319.01	1,885.43	133.28	-115.82	176.57	0.00	0.00	0.00
2,000.00	10.82	319.01	1,983.65	147.45	-128.13	195.34	0.00	0.00	0.00
2,087.90	10.82	319.01	2,069.99	159.91	-138.96	211.85	0.00	0.00	0.00
Start 22.32° I	Hold At 2087.90								
2,100.00	10.82	319.01	2,081.87	161.62	-140.45	214.12	0.00	0.00	0.00
2,200.00	10.82	319.01	2,180.09	175.80	-152.77	232.90	0.00	0.00	0.00
*									
2,300.00	10.82	319.01	2,278.31	189.97	-165.08	251.68	0.00	0.00	0.00
2,400.00	10.82	319.01	2,376.53	204.14	-177.40	270.45	0.00	0.00	0.00
2,500.00	10.82	319.01	2,474.75	218.32	-189.72	289.23	0.00	0.00	0.00
2,600.00	10.82	319.01	2,572.98	232.49	-202.03	308.01	0.00	0.00	0.00
2,700.00	10.82	319.01	2,671.20	246.66	-214.35	326.79	0.00	0.00	0.00
2,800.00	10.82	319.01	2,769.42	260.84	-226.67	345.56	0.00	0.00	0.00
2,900.00	10.82	319.01	2,867.64	275.01	-238.98	364.34	0.00	0.00	0.00
3,000.00	10.82	319.01	2,965.86	289.18	-251.30	383.12	0.00	0.00	0.00
3,100.00	10.82	319.01	3,064.08	303.36	-263.62	401.90	0.00	0.00	0.00
3,200.00	10.82	319.01	3,162.30	317.53	-275.94	420.67	0.00	0.00	0.00
3,300.00	10.82	319.01	3,260.52	331.70	-288.25	439.45	0.00	0.00	0.00
3,400.00	10.82	319.01	3,260.52	345.88	-266.25 -300.57	459.45 458.23	0.00	0.00	
3,500.00	10.82	319.01	3,456.97	360.05	-300.57 -312.89	436.23 477.01		0.00	0.00
3,600.00	10.82	319.01	3,456.97	374.22	-312.69 -325.20	477.01	0.00 0.00	0.00	0.00 0.00
3,700.00	10.82	319.01	3,653,41	388.40	-323.20 -337.52	495.76 514.56	0.00	0.00	0.00
•			•						
3,800.00	10.82	319.01	3,751.63	402.57	-349.84	533.34	0.00	0.00	0.00
3,900.00	10.82	319.01	3,849.85	416.75	-362.15	552.12	0.00	0.00	0.00
4,000.00	10.82	319.01	3,948.07	430.92	-374.47	570.89	0.00	0.00	0.00
4,100.00	10.82	319.01	4,046.29	445.09	-386.79	589.67	0.00	0.00	0.00
4,200.00	10.82	319.01	4,144.52	459.27	-399.10	608.45	0.00	0.00	0.00
4,300.00	10.82	319.01	4,242.74	473.44	-411.42	627.23	0.00	0.00	0.00
4,400.00	10.82	319.01	4,340.96	487.61	-411.42 -423.74	646.00	0.00	0.00	0.00
4,500.00	10.82	319.01	4,439.18	501.79	-425.74 -436.05	664.78	0.00	0.00	0.00
4,600.00	10.82	319.01	4,439.10	515.96	-436.05 -448.37	683.56	0.00	0.00	0.00
4,700.00	10.82	319.01	4,635.62	530.13	-460.69	702.33	0.00	0.00	0.00
1,7 00.00	10.02	0.0.01	1,000.02	000.10	700.00	, 02.00	0.00	0.00	0.00

### **Scientific Drilling**

### Planning Report

Database:

MultiUserEDM

Company:

Newfield Exploration Co.

Project: Site:

Duchesne County, UT West Point M-7-9-16

Well: Wellbore: Design:

Plan #1

West Point M-7-9-16 OH

Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well West Point M-7-9-16

GL 5852' & RKB 12' @ 5864.00ft (NDSI 2)

GL 5852' & RKB 12' @ 5864.00ft (NDSI 2)

True

Minimum Curvature

lanned Survey		rii oo ahaa daabaa ka waxaa k Waxaa ka waxaa ka wa	an a					energia de la compania de la compan La compania de la compania del compania del compania de la compania de la compania del co	
Measured Depth			Vertical			Vertical	Dogleg	Build	Turn
(ft)	Inclination (°)	Azimuth (°)	Depth (R)	+N/-S (ft)	(u) +E/-W	Section (ft)	Rate (°/100R)	Rate (*/100ft)	Rate (°/100ft)
4,900.00	10.82	319.01	4,832.06	558.48	-485.32	739.89	0.00	0.00	0.00
5,000.00	10.82	319.01	4,930.28	572.65	-497.64	758.67	0.00	0.00	0.00
5,100.00	10.82	319.01	5,028.51	586.83	-509.95	777.44	0.00	0.00	0.00
5,200.00	10.82	319.01	5,126.73	601.00	-522.27	796.22	0.00	0.00	0.00
5,300.00	10.82	319.01	5,224.95	615.17	-534.59	815.00	0.00	0.00	0.00
5,376.41	10.82	319.01	5,300.00	626.00	-544.00	829.35	0.00	0.00	0.00
WP M-7-9-16									
5,400.00	10.82	319.01	5,323.17	629.35	-546.91	833.78	0.00	0.00	0.00
5,500.00	10.82	319.01	5,421.39	643.52	-559.22	852.55	0.00	0.00	0.00
5,600.00	10.82	319.01	5,519.61	657.69	-571.54	871.33	0.00	0.00	0.00
5,700.00	10.82	319.01	5,617.83	671.87	-583.86	890.11	0.00	0.00	0.00
5,800.00	10.82	319.01	5,716.05	686.04	-596.17	908.89	0.00	0.00	0.00
5,900.00	10.82	319.01	5,814.28	700.22	-608.49	927.66	0.00	0.00	0.00
6,000.00	10.82	319.01	5,912.50	714.39	-620.81	946.44	0.00	0.00	0.00
6,100.00	10.82	319.01	6,010.72	728.56	-633.12	965.22	0.00	0.00	0.00
6,200.00	10.82	319.01	6,108.94	742.74	-645.44	984.00	0.00	0.00	0.00
6,300.00	10.82	319.01	6,207.16	756,91	-657.76	1,002.77	0.00	0.00	0.00
6,343.62	10.82	319.01	6,250.00	763.09	-663.13	1,010.96	0.00	0.00	0.00

Target Name - hit/miss target D - Shape	)ip Angle D (°)	lip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (R)	Easting (ft)	Latitude	Longitude
WP M-7-9-16 - plan hits target - Circle (radius 75.00)	0.00	0.00	5,300.00	626.00	-544.00	7,188,218.61	2,015,153.51	40° 2' 44.817 N	110° 9' 40.956 W

2,087.90	2,067.49	124.11	-186.89	Start 22.32° Hold At 2087.90
Depth (ft) 600.00	Depth (ff) 600,00	+N/-S (ft) 0.00	<b>(ft)</b> 0.00	Consiners Start Build 1.50
Plan Annotations Measured	Vertical	Local Coordi	网络特别的 建氯化矿 计二进行	

## NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

WEST POINT M-7-9-16 (Proposed Well) WEST POINT 10-7-9-16 (Existing Well)

Pad Location: NWSE Section 7, T9S, R16E, S.L.B.&M.

Existing Access

Tanks

### TOP HOLE FOOTAGES

M-7-9-16 (PROPOSED) 2150' FSL & 1897' FEĹ

#### BOTTOM HOLE FOOTAGES

M-7-9-16 (PROPOSED) 2650' FSL & 2645' FEL

NSG. 34. A. M. OOO. So. M. OOO. So. Boiler Pump Jack

Bearings are based on G.P.S. observations.

RE	LATI	VE $C$	001	RDINATE	is
From	top	hole	to	bottom	hole

WELL	NORTH	EAST
M-7	498'	−750 <b>'</b>

SURVEYED BY:	K.S.	DATE SURVEYED:	4-13-07
DRAWN BY:	F.T.M.	DATE DRAWN:	4-17-07
SCALE: 1"	= 50'	REVISED:	

### LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

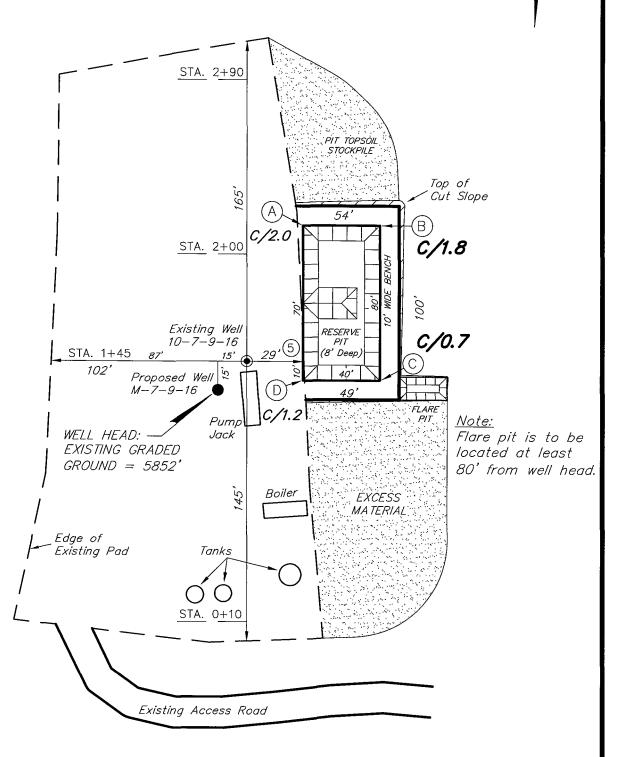
WELL	LATITUDE	LONGITUDE			
M-7	40° 02' 38.63"	110° 09' 33.96"			
EXIST 10-7	40° 02' 38.48"	110° 09' 34.15"			

 $egin{array}{ll} Tri & State & {}^{ ag{3.5}} {}^{ ag{781-1}} \ Land & Surveying, & Inc. \ \_\_\_\_\_\_ & {}^{ ag{180}} {}^{ ag{NORTH}} {}^{ ag{VERNAL AVE.}} {}^{ ag{VERNAL, UTAH 84078}} \end{array}$ 

### NEWFIELD PRODUCTION COMPANY

WEST POINT M-7-9-16 (Proposed Well) WEST POINT 10-7-9-16 (Existing Well)

Pad Location: NWSE Section 7, T9S, R16E, S.L.B.&M.



SCALE:

DATE:

SURVEYED BY:

DRAWN BY:

K.S.

F. T.M.

1" = 50'

04-17-07

Tri~State (435) 781-. Land Surveying, Inc.  $\_$  180 NORTH VERNAL AVE. VERNAL, UTAH 84078

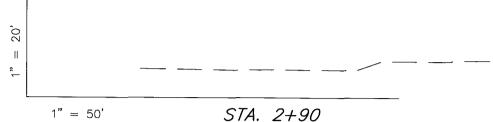
(435) 781-2501

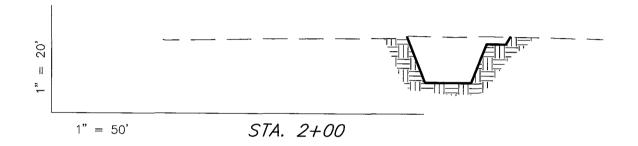
### NEW FIELD PRODUCTION COMPANY

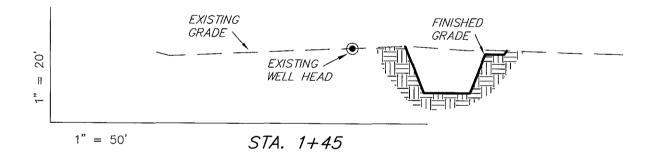
### CROSS SECTIONS

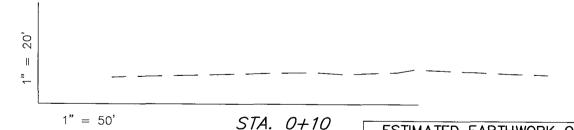
WEST POINT M-7-9-16 (Proposed Well) WEST POINT 10-7-9-16 (Existing Well)

Pad Location: NWSE Section 7, T9S, R16E, S.L.B.&M.









NOTE: UNLESS OTHERWISE NOTED CUT SLOPES ARE AT 1:1 FILL SLOPES ARE AT 1.5:1 ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)

(Expressed in Cubic Yards)

ITEM CUT FILL 6" TOPSOIL EXCESS

PAD 300 0 Topsoil is 300

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	300	0	Topsoil is not included	300
PIT	640	0	in Pad Cut	640
TOTALS	940	0	130	940

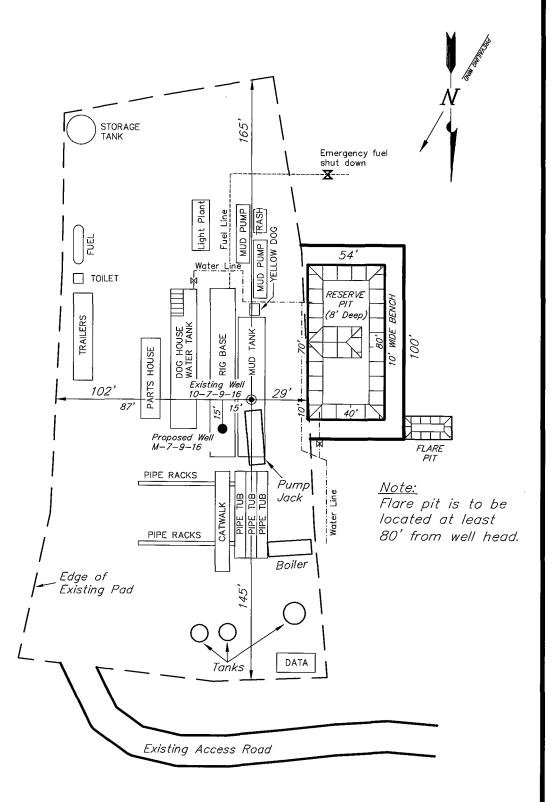
SURVEYED BY:	K.S.	SCALE:	1" = 50'	$ riangle Tri_{i}$ State	(435) 781–2501
DRAWN BY:	F. T.M.	DATE:	04-17-07	/ Land S'urveying, Ind	C. UTAH 84078

### NEWFIELD PRODUCTION COMPANY

### TYPICAL RIG LAYOUT

WEST POINT M-7-9-16 (Proposed Well) WEST POINT 10-7-9-16 (Existing Well)

Pad Location: NWSE Section 7, T9S, R16E, S.L.B.&M.



SURVEYED BY:	K.S.	SCALE:	1" = 50'	/ $Tri_State$ (435) 781-2	?501
DRAWN BY:	F. T.M.	DATE:	04-17-07	/ Land Surveying, Inc. 180 north vernal ave. Vernal, utah 84078	

### Newfield Production Company Proposed Site Facility Diagram

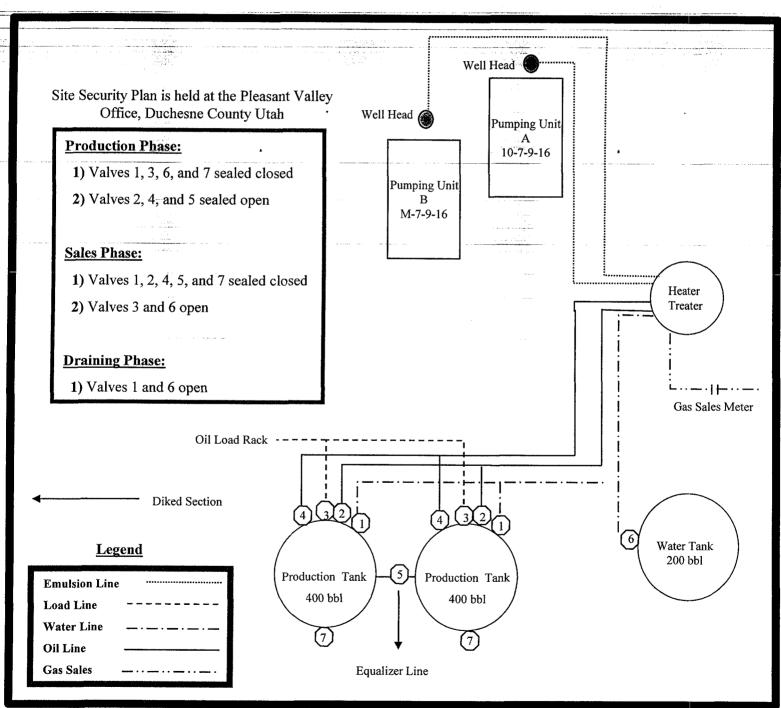
West Point Federal M-7-9-16

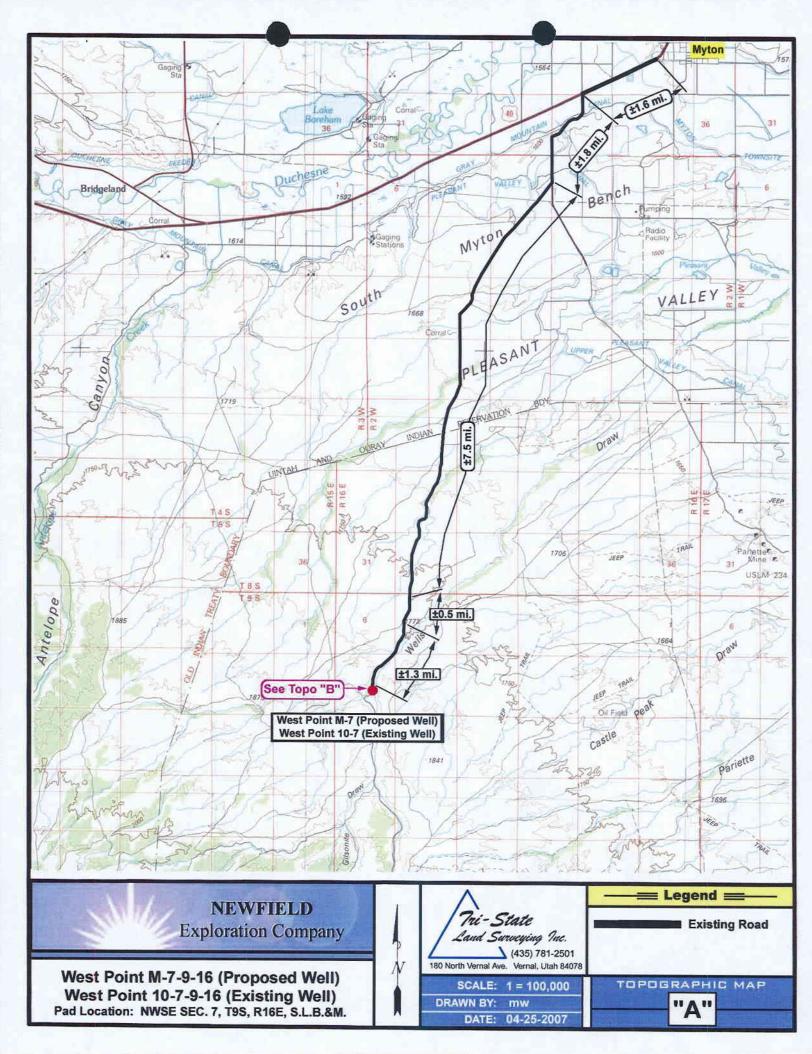
From the Nine Mile 10-7-9-16 Location

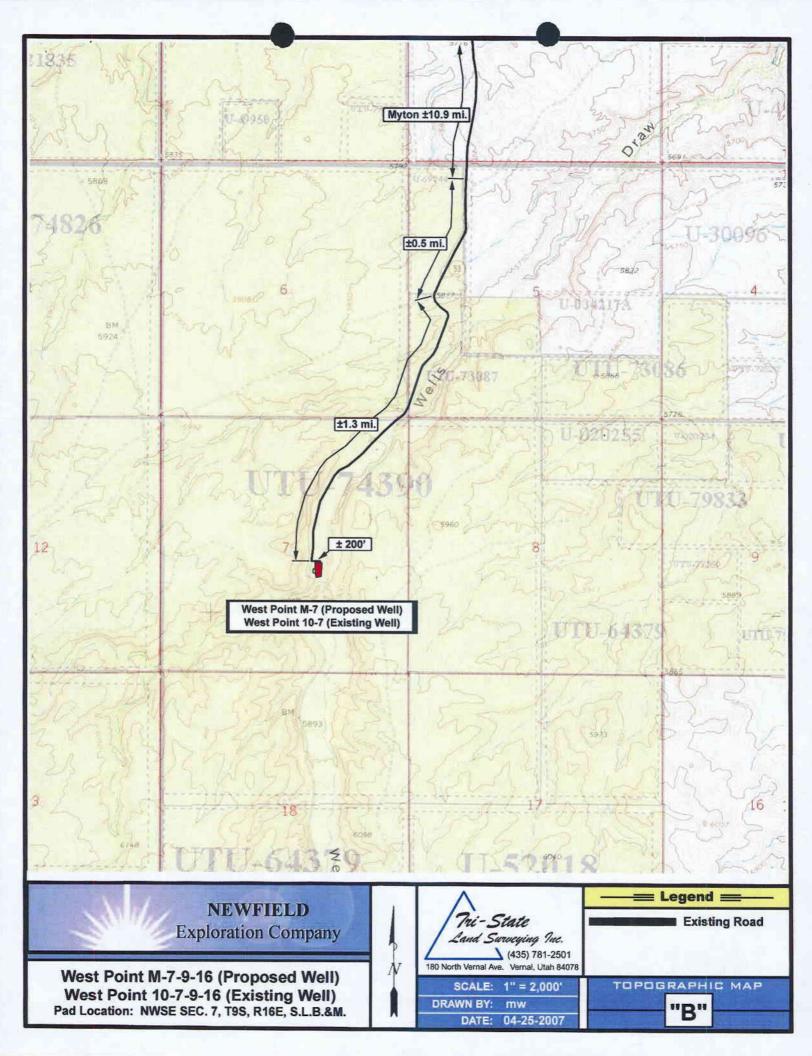
NW/SE Sec. 7 T9S, 16E

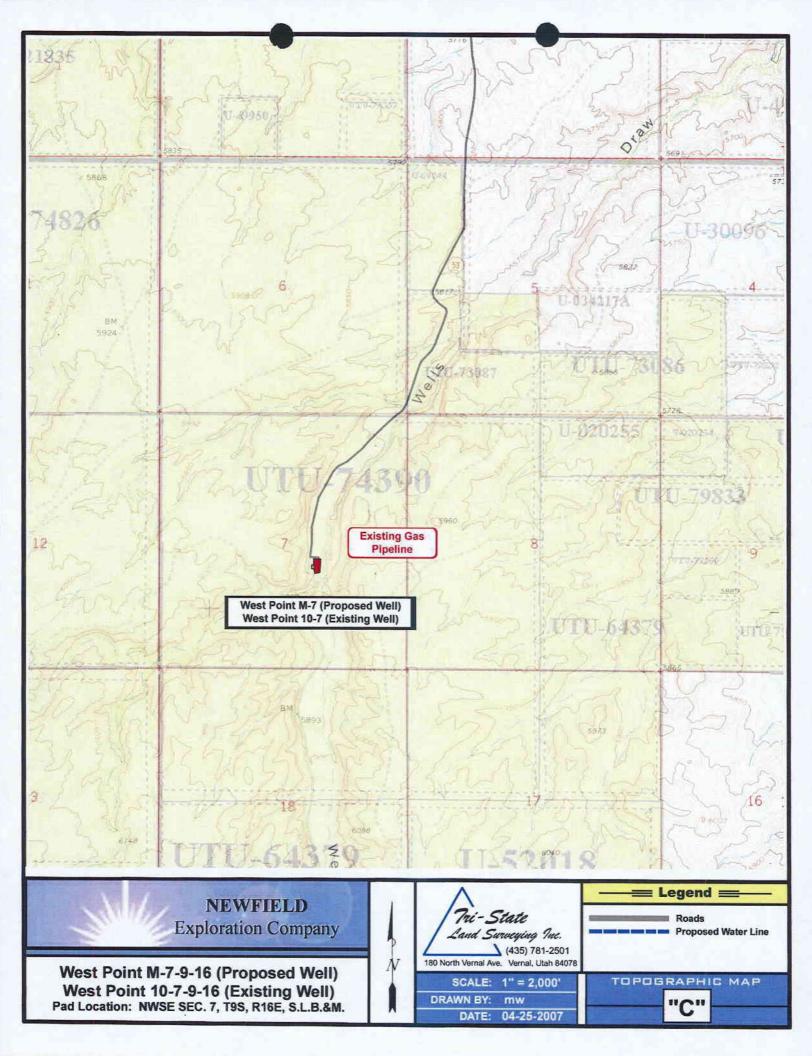
**Duchesne County, Utah** 

UTU-74390

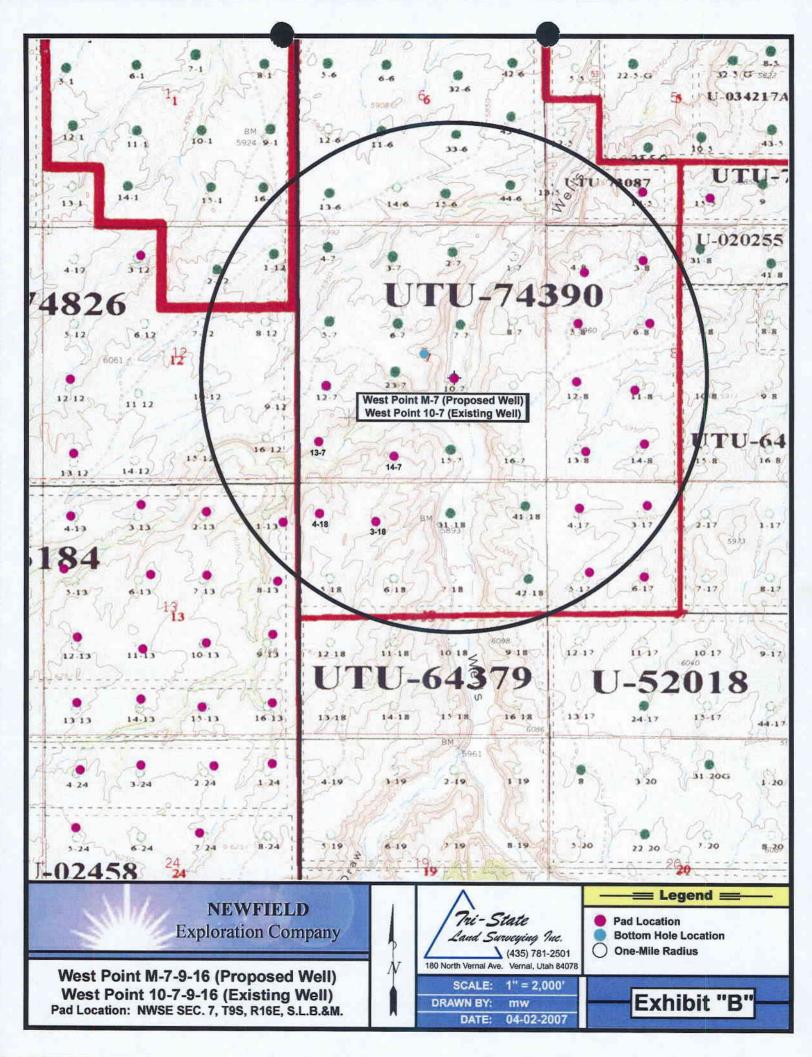






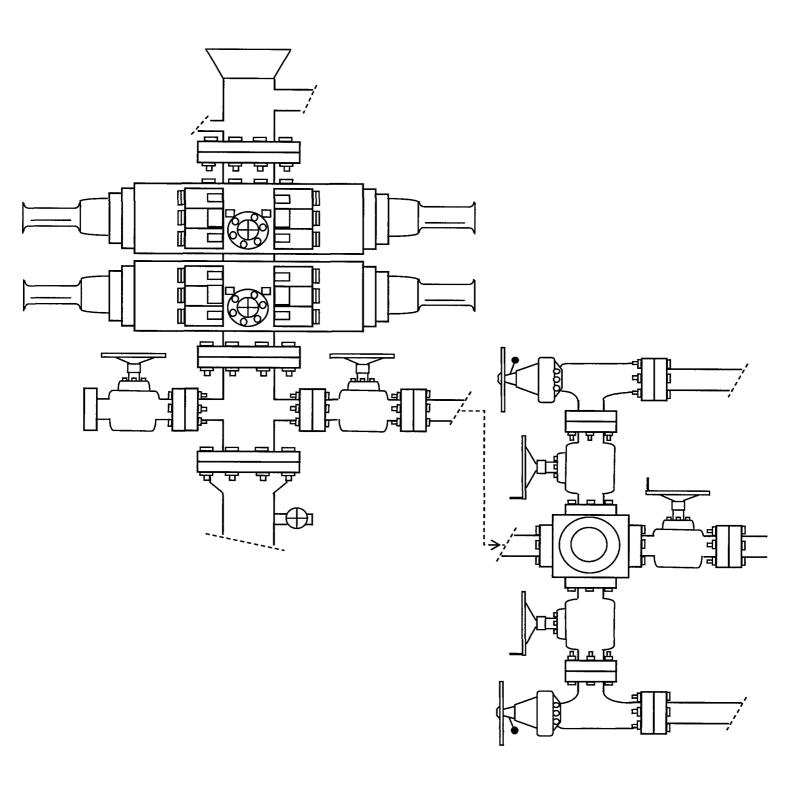


	3	2			5						5	.4	3	2	9	б	6	*	1	2		Newfield Wells Location Surface Spud
	10	-11	12	7			g 1	0	1	2	, 8	9	10	11	12	7		9	10	11.	12	Drilling     Waiting on Completion     Producing Oil Well
	16	18-R3	13	16	i i	. 4 99		VV is	14 1	,	8 17	143	S-R1W	14	13	10	17	16 T45	16 S-IR1E	>14>	13	<ul> <li>Producing Gas Well; QA</li> <li>Water Injection Well</li> <li>Dry Hole</li> <li>Temporarily Abandoner</li> </ul>
1	74	21	24						23 24	10.24 0.34	u 13tn 20	21	22	23	24 85_R17	10	20	21	22	23	24	Plugged & Abandoned Shut in Water Source Well Water Disposal Well
9	27	28	. 28	31	2	9 28	22 Hawkin	23 + 151 e3	a 13 Za ode ode 1de ode 1de ode Monuelesa Buga	e la su Gresse e la 6 la ME	20 023 (30 020)	03/ 03/ 3	20 20 20 20 20 20 20 20 20 20 20 20 20 2	20 Aug 100 19 120 20 23	25 124 134 North	Parintle 19 1-10	20	28	27	20	25	Injection Stations UnitOutlines
2	я	35	20	19	20 10-22 29	Track -	27 - 157	621 626 \$20 226 \$20 20 620 \$20 626		19/300 100 (20 409/300 100 (20 600/30 600 000	17 5 m 5 m 6 m 17 5 m 5 m 6 m 18 5 m 5 m 6 m	2 22 (2.5) 2 22 (2.5) 2 22 (2.5)	of so (s)	Son Sign (Sign (Si	631 / 631 631 / 631 + 30 3	15-10-16 30 30 29 30 30-16-17	21 28 T83 633 23	3-R18E	34	42 35 1 30 38 426	18 150	31 22 E
		35 ID	и А 15Е+	T8S-	R16E	19638 - 19639 - 19639 (3) (3) (4) (3) (4)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 10-20 2-21 2-21 2-21 2-21 2-21 2-21 2		Sir London Line Sir London	Bounter II 20 630 / 3	1 20 (20 ) 2 20 (20 ) 1 20 (20 ) 1 20 (20 ) 1 20 (20 )	1007 Less Los Bos 250 250 Bos 250 250 Bos 250	A31 8-36 428 238 9-36 1 1	6/4 Spring Spring 5/36 -> 16 1-36 +> 17 6-16 1-36 +> 18 18 10-35 5-36	100 100 100 (31	1 10 1 10 1 10 10 10 10 10 10 10 10 10 1	1630 1331 1 1630 1331 1 1630 1431 1	Farego . 42-340	205 205 20 20 20 20 20 20 20 20 20 20 20 20 20	522 54 36	T55-F12
N.	10 2 172	62 62 62	127	6 6 / 16 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	15/ 1/10/ /50 / 10/ 10/ 10/ 10/ 10/ 10/ 10/ 10/ 10/	130 ( )	2200		1. 6 mus.		100 100 100 100 100 100 100 100 100 100	477	26.2 (6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6	The state of the s	6. 6. 120 c	d in the line of t	si is the the	10 10 10 10 10 10 10 10 10 10 10 10	, 68	ភូគិក ភូគិក្ ភូគិក្		a de s
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12 22 22 22 22 22 22	10 10 10 10 10 10 10 10 10 10 10 10 10 1	\$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20 \$20	16-15 / 16-15 16-16-16-16-16-16-16-16-16-16-16-16-16-1	19	20 12 20 11-20 20 12-20 11-20	43431 "1131 521521 21	22 6	23 els (2)	125.50	≰₁ 19	20	21 0S_R 17	22	23 23 24	24	31.197 1 26 18 42.197 43.197	andar .	21	22	28 28	24	195-R19E
137	70% \$20	28	3-25 3-28	9S-R1	5E	18	19S-R	26 73	25-My 25	at."		26	27	26	2,20	30	4625 10 2525	28	27	28	25	30 29 29
	15.77 A.27 *	15	6 <sub>10</sub> 0 <sub>20</sub> 15 25	- 31	32	39	34	25	38.	21	12	33	24	36	#1-363 3-6	31	32	33	34	35	36	21 32 33
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	T10	S-R1	)E			T10S	R18E	11	12	,	8	TIUSI	₹17E	1,1	12	7	8	TUSF	₹18E	318:	12	Exhibit A Ducheme & Ulrich Courties
	10	11	W								ķ										13 Agric 2 (18) 17 (20) 18 (20) 18	Passa Sulforqu 10t Brus 1300 Convention #0000 m647 (NOS #85459)



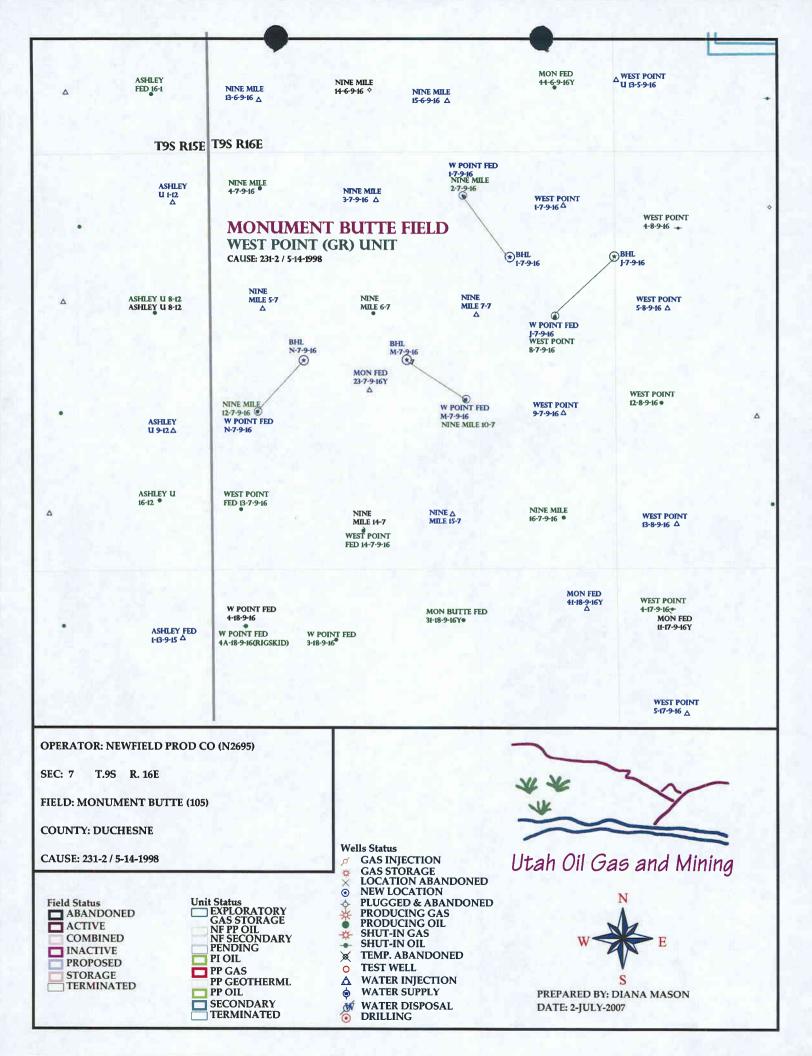
### 2-M SYSTEM

**Blowout Prevention Equipment Systems** 



**EXHIBIT C** 

	API NO. ASSIG	NED: 43-01	3-33709		
	PHONE NUMBER:	435-646-372	1		
	INSPECT LOCATN	BY: /	/		
	Tech Review	Initials	Date		
	Engineering				
	Geology				
783	Surface				
)	<u>L</u>				
			V		
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. UTB000192 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. MUNICIPAL )  RDCC Review (Y/N)  (Date:)  Fee Surf Agreement (Y/N)  Signature					
e Lie					
	LOCATI  LOCATI  Unit:  S  F	PHONE NUMBER:  INSPECT LOCATN  Tech Review  Engineering  Geology  Surface  PROPOSED FORMAT  COALBED METHANE  LOCATION AND SITING:  R649-2-3.  Unit: WEST POINT (GREEN Siting: 460 From Quantity and Green Siting: Siting: Spring: Spri	INSPECT LOCATN BY: /  Tech Review Initials  Engineering  Geology  Surface  PROPOSED FORMATION: GRR COALBED METHANE WELL? NO  LOCATION AND SITING:  R649-2-3.  Unit: WEST POINT (GRRV)  R649-3-2. General Siting: 460 From Qtr/Qtr & 920' F R649-3-3. Exception  Drilling Unit Board Cause No: 331- Eff Date: 514-19 Siting: Sprinds General Siting: Sprinds General Siting: Sprinds General Drilling Unit Board Cause No: 231- Eff Date: 514-19 Siting: Sprinds General Drilling Unit Drilling Unit Board Cause No: 231- Eff Date: 514-19 Siting: Sprinds General Drilling Unit Drilling Unit Drilling Unit Board Cause No: 231- Eff Date: 514-19 Siting: Sprinds General Drilling Unit		



### **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

July 3, 2007

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

API#

Michael Coulthard, Petroleum Engineer

Subject:

2007 Plan of Development West Point Unit, Duchesne

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the West Point Unit, Duchesne County, Utah.

LOCATION

(Proposed PZ Green River)

WELL NAME

43-013-33708 W Point Fed J-7-9-16 Sec 07 T09S R16E 2068 FNL 0757 FEL BHL 07 T09S R16E 1321 FNL 0000 FEL

43-013-33709 W Point Fed M-7-9-16 Sec 07 T09S R16E 2150 FSL 1897 FEL BHL Sec 07 T09S R16E 2650 FSL 2645 FEL

43-013-33710 W Point Fed I-7-9-16 Sec 07 T09S R16E 0551 FNL 1910 FEL BHL Sec 07 T09S R16E 1323 FNL 1323 FEL

43-013-33711 W Point Fed N-7-9-16 Sec 07 T09S R16E 2002 FSL 0594 FWL BHL Sec 07 T09S R16E 2646 FSL 1181 FWL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc:

File - West Point Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:7-3-07



Monday, July 09, 2007

Ms. Diana Mason State of Utah, Div. of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

Re:

<u>Directional Drilling R649-3-11</u> West Point Unit UTU-77107X

Various Wells & Locations (See Attached)

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Applications for Permits to Drill dated 6/21/07 (copies enclosed herewith) which concern the wells described on the attached Exhibit, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

All of these drillsite locations are located within the boundaries of the West Point Unit UTU-77107X. NPC is permitting these wells as directional wells in order to minimize surface disturbance. By locating the wells at the surface locations described and directionally drilling from these locations, NPC will be able to utilize the existing the existing roads and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the West Point Unit Operator and all lands within 460 feet of each of the entire directional well bores are within the West Point Unit.

Therefore, based on the above stated information NPC requests that the permits be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,

**Newfield Production Company** 

Elizabeth Templeton

Land Tech

Enclosures

RECEIVED
JUL 1 2 2007

## DIRECTIONAL DRILLING R649-3-11 WELL EXHIBIT WEST POINT UNIT UTU-77107X DUCHESNE COUNTY, UTAH

### West Point Federal I-7-9-16

BLM Lease #s U-74390 (surface) and U-74390 (bottomhole) 551' FNL, 1910' FEL Section 7 (at surface) 1323' FNL, 1323' FEL Section 7 (bottomhole) T9S-R16E

### West Point Federal J-7-9-16

BLM Lease #s U-74390 (surface) and U-74390 (bottomhole) 2068' FNL, 757' FEL Section 7 (at surface) 1321' FNL, 0' FEL Section 7 (bottomhole) T9S-R16E

### West Point Federal M-7-9-16

BLM Lease #s U-74390 (surface) and U-74390 (bottomhole) 2150' FSL, 1897' FEL Section 7 (at surface) 2650' FSL, 2645 FEL Section 7 (bottomhole) T9S-R16E

### West Point Federal N-7-9-16

BLM Lease #s U-74390 (surface) and U-74390 (bottomhole) 2002' FSL, 594' FWL Section 7 (at surface) 2646' FSL, 1181' FWL Section 7 (bottomhole) T9S-R16E





MICHAEL R. STYLER Executive Director

**Division of Oil Gas and Mining** 

JOHN R. BAZA Division Director

July 12, 2007

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re: West Point Federal M-7-9-16 Well, Surface Location 2150' FSL, 1897' FEL, NW SE,

Sec. 7, T. 9 South, R. 16 East, Bottom Location 2650' FSL, 2645' FEL, NW SE, Sec. 7,

T. 9 South, R. 16 East, Duchesne County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33709.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal Office



Operator:	Newfield Production Company								
Well Name & Number	West Po	West Point Federal m-7-9-16							
API Number:	43-013-33709								
Lease:	UTU-7								
Surface Location: NW SE	Sec7_	T. 9 South	<b>R.</b> 16 East						
<b>Bottom Location:</b> NW SE	Sec. 7_	T. 9 South	<b>R.</b> <u>16 East</u>						

### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284

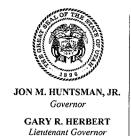
Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.



### State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 7, 2008

Mandie Crozier Newfield Production Co Route 3 Box 3630 Myton, UT 84052

Re: APD Rescinded –West Point Fed M-7-9-16 Sec. 7 T. 9S R. 16E Duchesne County, Utah API No. 43-013-33709

Dear Ms. Crozier:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on July 12, 2007. On February 1, 2008 you requested that the division rescind the approved APD.

No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective February 1, 2008. A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely.

Diana Mason

Environmental Scientist

cc: Well File

Bureau of Land Management, Vernal

